

# Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

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No. 23.

## UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

### *Cessation of smallpox in the District of Columbia.*

HEALTH DEPARTMENT, DISTRICT OF COLUMBIA,

Washington, June 3, 1898.

SIR: I have the honor to inform you that the last of the recent series of smallpox cases was discharged from the hospital on the 27th ultimo, so that this District is now, as usual, free from this disease.

Very respectfully,

WM. C. WOODWARD, M. D.,

Health Officer.

### *Smallpox in Alabama and Mississippi.*

MOBILE, ALA., June 4, 1898.

SIR: I have the honor to report that during the past week the third Alabama soldier has been sent to the county hospital suffering with modified smallpox. One case has been admitted to the Hurricane Bayou car camp. Dr. Fonde, who has charge of the Louisville and Nashville Railroad smallpox work from here to Montgomery, has vaccinated about 800 railroad hands during the past six weeks. On the 31st, in company with Dr. Haralson, I revisited Basin and Denny, Miss. The camp at Basin was closed that day; no more cases. At Denny there had been six admissions during two weeks, and it is worthy of note that of the 10 suspects, 3 succumbed to the disease. The camp will be kept open for a month to care for other possible cases. Ten new cases are reported for the district about Shubuta, Miss. The town has, very inadvisedly, quarantined against the infected district. Twelve new cases are reported at Laurel, Miss. Dr. Fowlkes, inspector for the Mississippi board of health, is in charge of restrictive measures. There

are cases at other places in Mississippi, but I have not sufficient data to report them. Three cases occurred at Ocean Springs, Miss., about February 20, the result of contact with one of the escaped Hendersons Point cases.

I am, very respectfully, your obedient servant,

R. D. MURRAY,  
*Surgeon, U. S. M. H. S.*

*Smallpox at Geneva, N. Y.*

GENEVA, N. Y., June 4, 1898.

SIR: Replying to your letter of the 3d instant initialed "G. T. V.," I beg to state the following facts regarding the cases of smallpox now in quarantine here:

The Joshua Simpkins Theatrical Company spent the winter in the Southern States. On March 23d last, a member of the company was taken sick in Charleston, W. Va., followed in three or four days by an eruption, the remains of which have the appearance of varioloid. Four other cases developed, 1 of which was undoubtedly genuine smallpox. He was taken directly from the company's car to the hospital for contagious diseases in Ithaca, N. Y.; but the company was allowed to proceed and give a performance in Trumansburg, and from there to Geneva, when this board was informed of the facts, and the company was immediately quarantined in their cars on May 21. The company consisted of 28 persons, 3 of whom showed evidence of recent attacks of varioloid. On May 25 another person became sick, and the company was transferred to a large boat on Seneca Lake, which allowed a complete separation of the sick man from his fellows. This case has since developed into genuine smallpox. With the exception of 1 man, on whom several varioloid pustules appeared during successful vaccination, no other cases have developed. To-day letters have been received from Swainsboro, Ga., to the effect that a member of the Simpkins is there and has had the disease, besides other persons, who have been infected from him.

I am, sir, yours most truly,

EDWIN R. BISHOP,  
*Health Officer.*

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to June 10, 1898.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Bessemer.....	Jan. 6-Feb. 19....	143	.....	
Birmingham.....	Jan. 6-Feb. 19....	47	.....	
	May 13.....	15	.....	
In Jefferson county, outside of the city.....	Feb. 6-Feb. 19....	26	.....	
Carneys Bluff.....	Feb. 17.....	.....	.....	Smallpox reported.
Corona.....	Mar. 4.....	1	.....	
Dolomite.....	Dec. 1-Jan. 17....	21	.....	
Gosport.....	Feb. 17.....	.....	.....	Do.
Glendon.....	Feb. 17.....	.....	.....	Do.
Haynesville.....	Mar. 11.....	400	.....	
Horse Creek Mine.....	Mar. 4.....	3	.....	
Hurricane Bayou.....	Mar. 31-June 4....	29	.....	
Jackson.....	Feb. 17.....	10	.....	
Letohatchie.....	May 13.....	50	.....	
Mobile.....	Feb. 5-June 4....	78	1	
Montevallo.....	Mar. 3.....	1	.....	
Newton.....	Jan. 15-Feb. 2....	7	.....	
Nichola.....	Feb. 17.....	.....	.....	Do.
Oxmar.....	Jan. 19.....	.....	.....	Do.
Patton.....	Feb. 1-Mar. 4....	9	.....	
Pinckard.....	Feb. 2.....	50	.....	
Port Deposit.....	May 13.....	1	.....	
Rock Springs.....	Mar. 11.....	15	.....	
Salitpa.....	Feb. 17.....	.....	.....	Do.
Selma.....	Jan. 13-Feb. 14....	3	.....	
Shelby.....	Jan. 28-Apr. 22....	8	.....	
Talladega.....	Jan. 9-Feb. 15....	45	.....	
Walker Springs.....	Feb. 17.....	.....	.....	Do.
<b>Arkansas:</b>				
Fair Oaks.....	Mar. 1.....	5	.....	
Little Rock and vicinity.....	Mar. 31-May 20....	110	1	
Newport.....	Apr. 28.....	1	.....	
Sweet Home.....	May 20.....	11	1	
<b>District of Columbia:</b>				
Washington.....	Feb. 7.....	1	.....	Naval Hospital.
	Apr. 2-May 5.....	9	.....	
<b>Florida:</b>				
Jacksonville.....	Mar. 20-Mar. 26....	1	.....	
Pensacola.....	Apr. 24-May 11....	2	.....	
Washington County.....	Jan. 24.....	12	.....	
<b>Georgia:</b>				
Atlanta.....	Jan. 17-Feb. 16....	178	2	Most cases from county.
Cartersville.....	Jan. 15-Mar. 1....	9	1	
Griffin.....	Feb. 12.....	2	.....	
Macon.....	Jan. 15-June 1....	100	3	
Stilesboro.....	Jan. 15.....	.....	.....	Smallpox reported.
<b>Illinois:</b>				
Chicago.....	May 4.....	1	.....	
<b>Indiana:</b>				
Evansville.....	Feb. 26.....	1	.....	
<b>Kentucky:</b>				
Butler.....	Feb. 8-Feb. 24....	1	.....	
Louisville.....	Apr. 16.....	1	.....	
Middlesborough.....	Feb. 3-Apr. 7.....	183	2	
<b>Louisiana:</b>				
New Orleans.....	Mar. 13-May 21....	5	.....	
<b>Massachusetts:</b>				
Greenfield.....	Feb. 5-Feb. 22....	1	.....	
Westfield.....	Feb. 20-Mar. 2....	1	.....	
<b>Michigan:</b>				
Ironia.....	Mar. 20-Apr. 23....	.....	.....	Do
Royal Oak.....	Feb. 12-Mar. 12....	1	.....	
<b>Mississippi:</b>				
Basin.....	May 16.....	7	.....	
Denny.....	May 16-May 31....	19	3	
Hendersons Point.....	Feb. 8.....	3	.....	
Laurel.....	May 28-June 4....	15	.....	
Moss Point.....	Feb. 15.....	1	.....	
Ocean Springs.....	Feb. 20.....	3	.....	
Shubuta, Clark County.....	May 28-June 4....	50	.....	
<b>New Jersey:</b>				
Westfield.....	Mar. 4.....	1	.....	
<b>New Mexico:</b>				
Albuquerque and vicinity.....	Mar. 5-Apr. 1....	14	.....	
<b>New York:</b>				
Buffalo.....	May 21.....	1	.....	
Deposit.....	Nov. 1-Nov. 30....	1	.....	
New York City.....	May 14-May 21....	1	.....	

## Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina:</b>				
Alamance County.....	Feb. 18-Feb. 25....	1	.....	
Asheville .....	Apr. 14.....	1	.....	
Buncombe County.....	Apr. 16.....	1	.....	
Charlotte.....	Jan. 25-Feb. 12....	4	.....	
Clay County.....	Feb. 15-Feb. 24....	3	.....	
Iredell County.....	May 19-June 2....	9	.....	
Wilmington.....	Jan. 12.....	1	.....	
Wilson County.....	May 28.....	1	.....	
<b>Ohio:</b>				
Cincinnati.....	May 5.....	1	.....	
Columbus.....	Apr. 16-Apr. 22....	1	.....	
Fairfield County.....	Apr. 8-May 11....	12	1	
<b>Pennsylvania:</b>				
Philadelphia.....	Apr. 13.....	2	.....	
<b>South Carolina:</b>				
Arkwright.....	Mar. 25.....	9	.....	
Beaufort.....	Jan. 17.....	.....	.....	Smallpox reported.
Charleston.....	Apr. 22.....	1	.....	
Columbia.....	Apr. 6-May 2....	86	.....	
Dyson.....	Mar. 25.....	3	.....	
Greenville.....	Jan. 17.....	.....	.....	Do.
Orangeburg.....	Jan. 17.....	.....	.....	Do.
Pelham.....	Mar. 25.....	20	.....	
Ridge Springs.....	Mar. 25.....	1	.....	
Rock Hill.....	Jan. 17.....	.....	.....	Do.
Spartanburg.....	Jan. 17.....	.....	.....	Do.
Sumter.....	May 2.....	12	.....	
Swansea.....	Jan. 15.....	.....	.....	Do.
<b>Tennessee:</b>				
Bristol.....	Mar. 1-Mar. 31....	1	.....	
Chattanooga.....	Jan. 1-Apr. 30....	21	.....	
Cleveland.....	Apr. 1-Apr. 30....	6	.....	
Elk Valley.....	Mar. 1-Mar. 31....	1	.....	
Huntington (near).....	Jan. 1-Jan. 29....	1	.....	
Jellico.....	Feb. 1-Mar. 31....	9	.....	
Johnson City.....	Feb. 1-Mar. 31....	13	.....	
Knoxville.....	Jan. 1-Apr. 30....	43	.....	
Lenoir City.....	Jan. 1-Feb. 28....	5	.....	
Memphis.....	Jan. 22-Apr. 30....	4	.....	
Mingo mines.....	Jan. 1-Jan. 29....	6	.....	
Mingo.....	Feb. 1-Mar. 31....	3	.....	
Morristown.....	Feb. 1-Mar. 31....	6	.....	
Newcomb.....	Feb. 1-Feb. 28....	3	.....	
Rockford.....	Mar. 1-Mar. 31....	1	.....	
Rutledge.....	Feb. 1-Apr. 30....	14	.....	
Shields Ferry.....	Mar. 1-Mar. 31....	4	.....	
Sprawles.....	Mar. 1-Mar. 31....	1	.....	
<b>Texas:</b>				
Brownsville.....	Feb. 26.....	1	.....	
Columbus.....	Feb. 2-Apr. 2....	30	7	
<b>Virginia:</b>				
Colburn.....	Feb. 1.....	.....	.....	Do.
Norfolk.....	Mar. 1-Mar. 10....	2	.....	
Norton.....	Feb. 1.....	.....	.....	Do.
<b>West Virginia:</b>				
Bluefield.....	Feb. 25.....	5	.....	
Fayette County.....	May 6.....	8	.....	
Mercer County.....	May 6.....	6	.....	
McDowell County.....	May 6.....	12	.....	
<b>Wisconsin:</b>				
Milwaukee.....	May 19.....	1	.....	
Oshkosh.....	Apr. 28.....	1	.....	

*Report of immigration at Boston for the week ended June 4, 1898.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of Boston, June 5, 1898.

*Number of alien immigrants who arrived at this port during the week ended June 4, 1898;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 29	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	55
Do....	Steamship Sylvania.....	Liverpool, England.....	23
May 31	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	30
Do....	Steamship Alabama.....	Bluefields, Nicaragua.....	2
Do....	Steamship Cestrian.....	Liverpool, England.....	9
June 1	Steamship Kansas.....	do.....	1
Do....	Steamship Megantic.....	London, England.....	8
June 2	Steamship Fanny Flint.....	Bridgeton, Nova Scotia.....	1
Do....	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	40
June 3	Steamship Halifax.....	Halifax, Nova Scotia.....	41
Do....	Steamship Patonia.....	Liverpool, England.....	210
Do....	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	20
June 4	Steamship Ottoman.....	Liverpool, England.....	7
	Total.....		447

GEORGE B. BILLINGS,  
Commissioner.

*Report of immigration at New York for the week ended June 4, 1898.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of New York, June 6, 1898.

*Number of alien immigrants who arrived at this port during the week ended June 4, 1898;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 29	Steamship Pisa.....	Hamburg.....	179
Do....	Steamship La Bourgogne.....	Havre.....	168
May 31	Steamship Kensington.....	Antwerp.....	259
Do....	Steamship State of Nebraska.....	Glasgow.....	81
Do....	Steamship City of Rome.....	do.....	130
Do....	Steamship Spaarndam.....	Rotterdam.....	167
Do....	Steamship Olbers.....	Rio de Janeiro.....	30
Do....	Steamship Kaiser Wilhelm der Grosse.....	Bremen.....	512
June 1	Steamship Bremen.....	do.....	328
Do....	Steamship Kaiser Wilhelm II.....	Genoa and Naples.....	221
June 2	Steamship Servia.....	Liverpool and Queenstown.....	94
Do....	Steamship Island.....	Copenhagen.....	107
June 3	Steamship Oevenum.....	Lisbon and the Azores.....	7
Do....	Steamship Britannic.....	do.....	210
Do....	Steamship Tartar Prince.....	Genoa and Naples.....	627
Do....	Steamship Etruria.....	Liverpool and Queenstown.....	202
	Total.....		3,272

THOMAS FITCHIE,  
Commissioner.

*Report of immigration at Philadelphia for the week ended June 4, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, June 4, 1898.**Number of alien immigrants who arrived at this port during the two weeks ended June 4, 1898; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 22	Steamship Sir Garnett Wooley .....	Sligo, Ireland .....	1
May 25	Steamship Maine .....	London .....	1
May 28	Steamship Carlisle .....	Marseilles .....	2
May 30	Steamship Waceland .....	Liverpool and Queenstown .....	319
June 1	Steamship Bohemia .....	Hamburg .....	66
Total .....			389

JNO. J. S. RODGERS,  
*Commissioner.*



## QUARANTINE REPORTS.

## National quarantine and inspection stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Alexandria, Va.	June 4	Nor. bk. Crown(a)	May 20	Demerara.	Brunswick.	Disinfected and held.	May 29		1
Brunswick, Ga.	do.								1
Cape Charles Quarantine, Va.	do.								8
Cape Fear, N. C.	do.							No transactions.	5
Delaware Breakwater Quarantine, Del.	do.								
Eureka, Cal.	May 28							No transactions.	2
Grays Harbor, Wash.	June 1							13 cases probably of yellow fever; 2 in port of departure; 11 at sea; 2 deaths from yellow fever at sea.	3
Gulf Quarantine, Ship Island, Miss.	May 28	Nor. s. Australia.(a)	May 15	Rio	Mobile	Disinfected and held.	May 24		
		Am. sc. Oscar G. Sanford.	May 22	Vera Cruz.	Pascagoula.	do	do.		
		Am. sc. Mary Sanford.	May 26	Port Antonio, Jamaica.	Ship Island	do	do.		
		Am. sc. Nan M. Dantzier.	do.	Vera Cruz.	Pascagoula.	do	do.		
		Br. bk. Robt. S. Benard.	do.	Rio	Ship Island	Held for disinfection.			
		Br. bk. Avoca.	May 27	do	do	do		No transactions.	
Newbern, N. C.	June 3							No transactions. Steerage passengers of the Jap. ss. Riojun Maru and their effects disinfected by steam or sulphur or bichloride solution, and steerage sprayed with solution of same at British Columbia Quarantine; steerage passengers re-vaccinated at Port Townsend.	4
Port Townsend, Wash.	May 28								
Reedy Island Quarantine, Del.	June 4								24

a Previously reported.

**QUARANTINE REPORTS—Continued.**  
*National quarantine and inspection stations—Continued.*

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
San Diego, Cal. San Francisco Quarantine, Cal.	May 28 .....do.....							475 Chinese and 21 Japanese passengers on the Hawaiian steamship China bathed and their clothing and baggage disinfected.	4 17
South Atlantic Quarantine, Blackbeard Island, Ga.	June 4	Nor. bk. Prince Louis, (a) Am. bgte. Havilah, (a) Nor. bk. Crown Prince, (a)	May 15 May 17 May 22	Rio. Santos. Rio.	Sapelo. Brunswick. Sapelo.	Disinfected and held. .....do..... .....do.....	May 29 .....do..... .....do.....	No transactions. .....do.....	
Tortugas Quarantine, Key West, Fla. Washington, N. C.	May 28 June 4								

a Previously reported.



## QUARANTINE REPORTS—Continued.

## State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Anclote, Fla.....	June 4	Am. bk. Julia Rollins.	May 31	Rio.....	Baltimore....	Disinfected and held.....	.....	No report.....	.....
Apalachicola, Fla.....	.....	.....	.....	.....	.....	.....	.....	1 death from yellow fever at Rio.	31
Baltimore, Md.....	.....	.....	.....	.....	.....	.....	.....	No report.....	12
Bangor, Me.....	May 28	.....	.....	.....	.....	.....	.....	do.....	11
Boca Grande, Fla.....	June 4	.....	.....	.....	.....	.....	.....	No report.....	35
Boston, Mass.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Carrabelle, Fla.....	May 28	.....	.....	.....	.....	.....	.....	No report.....	1
Cedar Keys, Fla.....	June 4	.....	.....	.....	.....	.....	.....	.....	10
Charleston, S. C.....	May 28	.....	.....	.....	.....	.....	.....	No report.....	.....
Charlotte Harbor, Fla.....	June 4	.....	.....	.....	.....	.....	.....	do.....	.....
Elizabeth River, Va.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Galveston, Tex.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Gardiner, Oreg.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Georgetown, S. C.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Gloucester, Mass.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Key West, Monroe Co., Fla.	.....	.....	.....	.....	.....	.....	.....	.....	8
Mayport, Fla.....	June 4	Br. sc. Gov. Blake.(a)	May 19	Grand Cayman.	Mobile.....	Disinfected and held.....	May 24	.....	18
Mobile Bay, Ala.....	May 28	Am. sc. Harold J. McCarty.(a)	May 21	Progreso..	do.....	do.....	do.....	.....	.....
.....	.....	Am. sc. E. J. White.	May 22	Tampico....	do.....	do.....	May 26	.....	.....
.....	.....	Br. ss. Specialist.	May 26	San Juan, Puerto Rico.	do.....	do.....	.....	.....	.....
.....	.....	Rus. sc. Fritz Gustav.	May 27	Rio.....	do.....	Held for disinfection.....	.....	.....	.....
.....	.....	Nor. bk. Ranavola.	.....	Para.....	do.....	do.....	.....	.....	.....
.....	.....	Br. ss. Specialist.(a)	May 26	San Juan, Puerto Rico.	do.....	Disinfected and held.....	June 2	.....	11
.....	June 4	Rus. sc. Fritz Gustav.(a)	May 27	Rio.....	do.....	Ballast discharged; vessel disinfected and held.	.....	.....	.....
.....	.....	Nor. bk. Ranavola.(a)	.....	Para.....	do.....	do.....	.....	.....	.....

a Previously reported.

QUARANTINE REPORTS—Continued  
State and municipal quarantine stations—Continued.

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Mobile Bay, Ala.....	June 4	Br. sc. J. W. Durant.	June 2	Vera Cruz.....	Mobile.....	Disinfected and held.....		No report.....	.....
New Bedford, Mass.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
New Orleans, La.....	June 4	.....	.....	.....	.....	.....	.....	No report.....	7
Newport News, Va.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Newport, R. I.....	May 14	.....	.....	.....	.....	.....	.....	No report.....	4
Pass Cavallo, Tex.....	May 21	.....	.....	.....	.....	.....	.....	No transactions.....	3
.....	May 28	.....	.....	.....	.....	.....	.....	do.....	.....
.....	do.....	.....	.....	.....	.....	.....	.....	No transactions.....	.....
Port Los Angeles, Cal.....	June 4	.....	.....	.....	.....	.....	.....	No report.....	.....
Port Royal, S. C.....	.....	.....	.....	.....	.....	.....	.....	No transactions.....	.....
Providence, R. I.....	May 28	.....	.....	.....	.....	.....	.....	do.....	.....
.....	do.....	.....	.....	.....	.....	.....	.....	No transactions.....	2
Round Island, Miss.....	.....	.....	.....	.....	.....	.....	.....	do.....	1
St. Helena Entrance, S. C.....	.....	.....	.....	.....	.....	.....	.....	No transactions.....	5
San Pedro, Cal.....	May 28	.....	.....	.....	.....	.....	.....	.....	.....
Savannah, Ga.....	do.....	Br. s. Macedon (a)	May 14	Rio via Barbados, do.....	Savannah.....	Disinfected and held.....	May 24	No transactions.....	.....
.....	.....	Br. bk. Marjory Glen.	May 24	.....	do.....	Ballast discharged and vessel held.	.....	.....	.....
.....	.....	Nor. bk. Raegvig	May 25	Maranham.....	do.....	Disinfected and held.....	.....	.....	.....
.....	.....	Nor. ship Germanic.	May 26	Santos via Barbados.	do.....	Discharging ballast.....	.....	.....	.....
.....	.....	Br. ss. Cape Comorin (a)	May 21	St. Lucia.....	Port Tampa.....	Disinfected and held.....	May 27	.....	17

a Previously reported.

*Reports of States and yearly and monthly reports of cities.*

CONNECTICUT—*Westport*.—Month of May, 1898. Estimated population, 4,000. Total deaths, 4.

IOWA—*Davenport*.—Month of March, 1898. Estimated population, 36,000. Total deaths, 40, including enteric fever, 1, and phthisis pulmonalis, 3.

Month of April, 1898. Total number of deaths, 36, including diphtheria, 1, and phthisis pulmonalis, 1.

*Des Moines*.—Month of March, 1898. Estimated population, 76,000. Total number of deaths, 54, including diphtheria, 1; whooping cough, 1, and phthisis pulmonalis, 4.

Month of April, 1898. Total deaths, 47, including diphtheria, 1; measles, 1; whooping cough, 1, and phthisis pulmonalis, 7.

*Cedar Rapids*.—Month of April, 1898. Estimated population, 21,555. Total number of deaths, 12, including phthisis pulmonalis, 3.

*Dubuque*.—Month of March, 1898. Estimated population, 45,000. Total deaths, 33, including diphtheria, 2, and phthisis pulmonalis, 2.

IOWA—*Keokuk*.—Month of April, 1898. Estimated population, 19,305. Total deaths, 14, including phthisis pulmonalis, 2.

*Eldon*.—Month of April, 1898. Estimated population, 1,900. Total deaths, 6.

*Ottumwa*.—Month of March, 1898. Estimated population, 18,000. Total deaths, 14.

Month of April, 1898. Total deaths, 20, including diphtheria, 1.

MICHIGAN.—Week ended May 28, 1898. Reports to the State board of health from 70 observers, indicate that remittent fever and measles increased, and tonsilitis decreased in area of prevalence. Phthisis pulmonalis was reported present at 164, measles at 52, enteric fever at 24, scarlet fever at 20, diphtheria at 15, and whooping cough at 19 places.

MISSOURI—*Kansas City*.—Month of March, 1898. Estimated population, 200,000. Total number of deaths, 210, including diphtheria, 7; enteric fever, 2, and phthisis pulmonalis, 11.

Month of April, 1898. Estimated population, 200,000. Total deaths, 222, including diphtheria, 2; measles, 1, and phthisis pulmonalis, 21.

NORTH CAROLINA.—Reports to the State board of health for the month of April, 1898, from 23 towns having an aggregate population of 128,260; white, 72,439; colored, 55,821, show a total of 129 deaths, including enteric fever, 2; measles, 1; whooping cough, 2, and phthisis pulmonalis, 28.

OHIO.—Reports to the State board of health for the four weeks ended April 30, 1898, from 59 towns having an aggregate population of 1,373,713, show 29 deaths from diphtheria, 2 from scarlet fever, 17 from enteric fever, 13 from measles, and 21 from whooping cough.

PENNSYLVANIA—*Meadville*.—Month of May, 1898. Estimated population, 12,000. Total number of deaths, 9.

VIRGINIA—*Lynchburg*.—Month of May, 1898. Estimated population, 30,000. Total number of deaths, 45, including 6 from phthisis pulmonalis.

WISCONSIN—*Superior*.—Month of May, 1898. Estimated population, 35,000. Total number of deaths, 24, including scarlet fever, 1.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

[illegible]





Table of temperature and rainfall, week ended June 6, 1898.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	53		1	.84		.14
Portland, Me.....	60		2	.84		.14
Northfield, Vt.....	61		1	.80		.80
Boston, Mass.....	63		5	.75		.15
Vineyard Haven, Mass.....	62		6	.63		.03
Nantucket, Mass.....	59		7	.71		.51
Woods Hole, Mass.....	59		5	.64		.94
Block Island, R. I.....	59		5	.69		.59
New Haven, Conn.....	64		2	.71		.71
Albany, N. Y.....	66	0		.83		.83
New York, N. Y.....	66		2	.70		.70
Harrisburg, Pa.....	67	1		1.05		.55
Philadelphia, Pa.....	69		1	.71		.71
New Brunswick, N. J.....	67		1	.89		.89
Atlantic City, N. J.....	64		4	.79		.40
Baltimore, Md.....	71		1	.97		.87
Washington, D. C.....	70		1	.91		.91
Lynchburg, Va.....	71		1	.84		.74
Cape Henry, Va.....	69		3	.91		.81
Norfolk, Va.....	72		4	.98		.68
Charlotte, N. C.....	73	3		1.05		.75
Raleigh, N. C.....	73		1	1.17		.97
Kittyhawk, N. C.....	71		7	.97	.03	
Hatteras, N. C.....	71		5	.98		.28
Wilmington, N. C.....	74		2	1.16		.66
Columbia, S. C.....	76	4		.91		.91
Charleston, S. C.....	77	1		1.14		.94
Augusta, Ga.....	76	4		.93		.83
Savannah, Ga.....	77	3		1.29		.49
Jacksonville, Fla.....	79	1		1.12		.42
Jupiter, Fla.....	78	0		1.64		1.64
Key West, Fla.....	81	1		.91		.91
<b>Gulf States:</b>						
Atlanta, Ga.....	73	7		.93		.73
Tampa, Fla.....	79	0		1.14	1.76	
Pensacola, Fla.....	77	3		1.07		.87
Mobile, Ala.....	78	4		1.25		1.25
Montgomery, Ala.....	77	7		1.04		.94
Vicksburg, Miss.....	77	3		1.05		.75
New Orleans, La.....	78	2		1.35		.95
Shreveport, La.....	77	3		.91	.49	
Fort Smith, Ark.....	72	8		1.05	2.95	
Little Rock, Ark.....	73	5		1.16	.54	
Palestine, Tex.....	75	3		1.19	.61	
Galveston, Tex.....	79	0		1.13	.77	
San Antonio, Tex.....	78	4		.70	.40	
Corpus Christi, Tex.....	78	2		.74		.74
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	75	5		1.05		1.05
Nashville, Tenn.....	74	4		.93		.93
Chattanooga, Tenn.....	72	6		1.08		.98
Knoxville, Tenn.....	71	5		.91		.81
Louisville, Ky.....	72	2		.97		.97
Indianapolis, Ind.....	69	1		1.04		1.04
Cincinnati, Ohio.....	70	2		.89		.89
Columbus, Ohio.....	67	1		.90		.90
Parkersburg, W. Va.....	69	0		.94		.94
Pittsburg, Pa.....	68	4		.78		.78
<b>Lake Region:</b>						
Oswego, N. Y.....	61	0		.76		.76
Rochester, N. Y.....	63	1		.77		.77
Buffalo, N. Y.....	61	5		.84		.84
Erie, Pa.....	63	1		.97		.97
Cleveland, Ohio.....	65		1	.91		.91
Sandusky, Ohio.....	65	1		.93		.93
Toledo, Ohio.....	66	0		.78		.78
Detroit, Mich.....	64	2		.90		.90
Lansing, Mich.....	63	3		.87		.67
Port Huron, Mich.....	60	2		.83		.83
Alpena, Mich.....	55			.90		
Sault Ste. Marie, Mich.....	54	6		.63	.57	
Marquette, Mich.....	54	8		.78	.32	
Green Bay, Wis.....	60	4		.85		.8

a The figures in these columns represent the average daily departure.



Table of temperature and rainfall, week ended June 6, 1898—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Lake Region—Continued.</b>						
Grand Haven, Mich.	60	4		.90		.80
Milwaukee, Wis.	59	5		.92		.92
Chicago, Ill.	61	5		.90		.90
Duluth, Minn.	53	1		1.04	2.26	
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.	63	5		.95		.15
La Crosse, Wis.	64	6		.93		.83
Dubuque, Iowa	65	7		1.12		1.12
Davenport, Iowa	66	6		1.11		.81
Des Moines, Iowa	65	7		1.26	.34	
Keokuk, Iowa	68	8		1.04		.94
Hannibal, Mo.	69	5		1.17	.03	
Springfield, Ill.	67	5		1.12		.82
Cairo, Ill.	72	4		.99		.99
St. Louis, Mo.	71	5		1.20		1.20
<b>Missouri Valley:</b>						
Columbia, Mo.	71	5		1.18	.52	
Springfield, Mo.	67	7		1.15		.75
Kansas City, Mo.	69	5		1.18		.28
Topeka, Kans.	70	4		1.33		1.13
Wichita, Kans.	68	6		1.29	1.70	
Concordia, Kans.	68	6		1.12	.68	
Lincoln, Nebr.	67	5		1.11	.59	
Omaha, Nebr.	67	5		1.20	.30	
Sioux City, Iowa	64	6		.84	2.46	
Yankton, S. Dak.	64	4		1.05	2.55	
Valentine, Nebr.	61	3		.76		.56
Huron, S. Dak.	61	3		.79		.19
Pierre, S. Dak.	61	5		.71		.21
Moorhead, Minn.	59	3		.75	.85	
Bismarck, N. Dak.	58	2		.77		.47
Williston, N. Dak.	59		5	.72	.58	
<b>Rocky Mountain Region:</b>						
Havre, Mont.	58		6	.58	.72	
Helena, Mont.	58		10	.55	.95	
Miles City, Mont.	63		7	.72		.02
Rapid City, S. Dak.	58	0		1.01		1.01
Spokane, Wash.	62		6	.37		.27
Walla Walla, Wash.	64		6	.35		.05
Baker City, Oreg.	55		7	.45	.25	
Winnemucca, Nev.	60		8	.21		.11
Idaho Falls, Idaho	57		9	.27		.17
Salt Lake City, Utah	63		9	.27	.63	
Lander, Wyo.	58		14	.35	1.55	
Cheyenne, Wyo.	56	2		.43	1.57	
North Platte, Nebr.	62	4		.76	.04	
Denver, Colo.	61		1	.40	.00	
Pueblo, Colo.	62	4		.29		.29
Dodge City, Kans.	67	5		.82	.88	
Oklahoma, Okla.	74	3		1.01		1.01
Amarillo, Tex.	70	0		.65	.85	
Abilene, Tex.	75	5		.84		.54
Santa Fe, N. Mex.	60			.21		
El Paso, Tex.	77		1	.08		.08
Phoenix, Ariz.	79		1	.00	.00	
<b>Pacific Coast:</b>						
Seattle, Wash.	58	0		.34	.26	
Tacoma, Wash.	56	0		.43		.03
Fort Canby, Wash.	54	4		.63	.17	
Portland, Oreg.	61		3	.49	.21	
Roseburg, Oreg.	60		4	.36	.14	
Eureka, Cal.	55			.49		
Redbluff, Cal.	71		5	.18		.08
Carson City, Nev.	58		6	.13		.13
Sacramento, Cal.	68		3	.07	.03	
San Francisco, Cal.	59	3		.07	.03	
Fresno, Cal.	72		10	.07		.07
San Luis Obispo, Cal.	61	5		.07		.07
Los Angeles, Cal.	65	3		.07		.07
San Diego, Cal.	63	1		.00	.00	
Yuma, Ariz.	82		2	.00	.00	

a The figures in these columns represent the average daily departure.

## FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

*Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to June 10, 1898.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay .....	Nov. 24-Nov. 30...		4	
	Dec. 1-Mar. 1...		55	
	Mar. 2-Mar. 29...		11	
	Mar. 30-Apr. 19...		9	
Calcutta.....	Nov. 14-Dec. 4...		42	
	Dec. 5-Jan. 1...		31	
	Jan. 2-Jan. 29...		28	
	Jan. 30-Feb. 26...		82	
	Feb. 27-Mar. 26...		95	
	Mar. 27-Apr. 23...		146	
Madras.....	Nov. 20-Dec. 10...		8	
	Dec. 4-Dec. 31...		11	
	Jan. 1-Jan. 28...		45	
	Jan. 29-Apr. 29...		40	
Singapore.....	Nov. 1-Nov. 30...		1	
	Dec. 1-Dec. 31...		1	
	Mar. 1-Mar. 31...		1	
Japan:				
Kanagawa Ken.....	Mar. 24-Apr. 28...	4	2	
Osaka and Hiogo.....	Mar. 26-Apr. 9...	2	1	
Tokyo Fu.....	Apr. 11-Apr. 28...	4	2	
Yokohama.....	Apr. 15-Apr. 29...		1	

## YELLOW FEVER.

Brazil:				
Araraguara.....	Mar. 1-Mar. 31...	4	3	
Bahia.....	Dec. 27.....	3	2	
	Dec. 29.....	6		Taken off of Nor. bk. Adonis.
Ceara.....	Nov. 1-Nov. 30...		1	
Jaboticabal.....	Mar. 1-Mar. 31...	35	16	
Para.....	Dec. 12-Jan. 1...		24	
	Jan. 2-Jan. 15...		22	
	Jan. 16-Feb. 28...		30	
Ribeirao Bonito.....	Feb. 1-Mar. 31...	99	22	
Rio Clara.....	Mar. 1-Mar. 31...	9	4	
Rio de Janeiro.....	Nov. 21-Dec. 4...	1		
	Dec. 5-Jan. 1...	8	3	
	Jan. 1-Jan. 29...	22	17	
	Jan. 30-Apr. 29...		645	
Sao Carlos de Pinhal.....	Feb. 28-Mar. 31...	223	58	Yellow fever reported.
Santos.....	Jan. 2-Jan. 8...	1	1	
	Jan. 23-Jan. 29...	3		
	Jan. 30-Feb. 28...	21	3	
	Mar. 1-Mar. 31...	32	13	
	Feb. 1-Mar. 31...	4	3	
Sao Paulo.....				
Cuba:				
Cienfuegos.....	Dec. 20-Jan. 2...		2	No reports received since hostilities with Spain began.
	Jan. 3-Jan. 23...		1	
Habana.....	Dec. 17-Dec. 30...		6	Do.
	Dec. 31-Jan. 27...		9	
	Jan. 28-Feb. 17...		3	
	Mar. 4-Mar. 31...		4	
Manzanillo.....	Dec. 1-Dec. 31...		28	Do.
	Jan. 1-Jan. 31...		9	
	Feb. 14-Feb. 28...		3	
Matanzas.....	Dec. 15-Jan. 19...		4	Do.
	Feb. 9-Feb. 23...		2	
Regla.....	Dec. 31-Feb. 28...		7	Do.
	Mar. 1-Mar. 24...		2	
Sagua la Grande.....	Dec. 18-Jan. 20...			A few cases of yellow fever, but impossible to obtain statistics. No reports received since hostilities with Spain began.
Santiago de Cuba.....	Dec. 19-Jan. 29...		6	No reports received since hostilities with Spain began.

*Cholera, yellow fever, plague, smallpox, etc.*—Continued.

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Jamaica:</b>				
Kingston.....	Dec. 19-Jan. 1...	1	1	
	Jan. 2-Jan. 31...	2	2	
	Feb. 5-Feb. 19...	2	1	
St. Andrew.....	Dec. 19-Jan. 1...	1	1	
	Feb. 27-Mar. 5...	1	1	
St. Catherine.....	Dec. 19-Jan. 1...	1	1	
St. Elizabeth.....	Dec. 19-Jan. 1...	1	1	
<b>Santo Domingo:</b>				
Santo Domingo.....	May 7-May 14...	1	1	

## PLAGUE.

<b>Arabia:</b>				
Djiddah.....	Mar. 25-Apr. 10...		29	
Nuslah.....	Mar. 1-Mar. 25...	1		
<b>China:</b>				
Canton.....	Mar. 22-Apr. 5...	10		
Hongkong.....	Nov. 7-Nov. 20...	2	2	
	Dec. 18-Jan. 1...	2	2	
	Jan. 2-Jan. 29...	6	5	
	Jan. 30-Feb. 26...	64	56	
	Feb. 27-Apr. 23...	477	407	
Macao.....	Apr. 9.....			Smallpox reported.
Shanghai.....	Apr. 23.....			On ss. Glenturret, in quarantine.
<b>Egypt:</b>				
Suez.....	May 5.....			1 case plague on ss. Mahale.
<b>India:</b>				
Bombay.....	Nov. 24-Nov. 30...		70	
	Dec. 1-Feb. 8...		4,833	
	Feb. 9-Mar. 1...		3,436	
	Mar. 2-Mar. 29...		4,579	
	Mar. 30-May 3...		2,486	
Calcutta.....	Apr. 25-May 4...	25	12	Plague reported. "Sporadic."
<b>Japan:</b>				
Taiwan (Formosa).....	Dec. 28-Apr. 28...	505	84	
Yokohama.....	Mar. 1-Apr. 11...	2	1	
Karachi.....	Apr. 6-Apr. 12...	51	31	
<b>Russia:</b>				
St. Petersburg.....	Mar. 26-Apr. 2...		1	

## SMALLPOX.

<b>Belgium:</b>				
Antwerp.....	May 1-May 7...	2		
Ghent.....	May 7-May 14...		1	
<b>Bohemia:</b>				
Prague.....	Dec. 12-Jan. 1...	11		
	Jan. 2-May 14...	151		
<b>British Columbia:</b>				
Victoria.....	May 9.....	1		
<b>Brazil:</b>				
Ceara.....	Mar. 1-Mar. 31...		10	
Pernambuco.....	Dec. 1-Dec. 25...		8	
Rio de Janeiro.....	Nov. 21-Dec. 4...	10		
	Dec. 5-Jan. 1...	9	1	
	Jan. 1-Apr. 8...	2	1	
Sao Paulo.....	Feb. 1-Mar. 31...	40	13	
Sorocaba.....	Dec. 16-Jan. 30...	32	10	
<b>Canada:</b>				
Halifax.....	May 14-May 28...	6		
Maissonneuve.....	Jan. 26-Feb. 16...	3		
Montreal.....	Jan. 3-Jan. 12...	3	0	
	Feb. 11-Feb. 16...	1		
<b>China:</b>				
Hongkong.....	Nov. 7-Dec. 4...	6	4	
	Dec. 5-Jan. 1...	11	8	
	Jan. 2-Apr. 23...	190	112	
<b>Cuba:</b>				
Cardenas.....	Dec. 19-Jan. 22...		5	
	Mar. 6-Mar. 27...		8	

## Cholera, yellow fever, plague, smallpox, etc.—Continued.

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Cuba—Continued.</b>				
Cienfuegos.....	Dec. 20-Jan. 2.....	2	7	
	Jan. 3-Jan. 23.....	19	19	
	Feb. 7-Feb. 27.....	35	35	
	Feb. 28-Apr. 3.....	9	9	
Habana.....	Dec. 17-Apr. 7.....	154	154	
Matanzas.....	Jan. 20-Feb. 23.....	8	8	
Regla.....	Feb. 18-Apr. 7.....	3	3	
Sagua la Grande.....	Dec. 19-Jan. 29.....	233	29	
	Jan. 30-Feb. 26.....	470	35	
	Feb. 27-Apr. 4.....	437	26	
<b>England:</b>				
Bristol.....	Feb. 6-Feb. 19.....	1	1	
Leeds.....	Mar. 19-Apr. 9.....	6	4	
Liverpool.....	Jan. 15-Jan. 29.....	3	3	
	Feb. 1-Apr. 2.....	6	6	
London.....	Feb. 27-Mar. 26.....	4	4	
Middlesborough.....	Feb. 9.....	90	90	
Newcastle on Tyne.....	Mar. 19-May 14.....	10	1	
Southampton.....	Jan. 8-Feb. 12.....	2	2	
South Shields.....	May 7-May 14.....	1	1	
Sunderland.....	Dec. 18-Jan. 8.....	1	1	
	Feb. 27-Mar. 26.....	4	4	
West Hartlepool.....	Jan. 9-Jan. 22.....	5	5	
<b>Germany:</b>				
Bremen.....	Apr. 23-May 14.....	2	2	
Hamburg.....	Mar. 6-Mar. 12.....	2	2	
<b>Gibraltar:</b>				
	Dec. 6-Dec. 12.....	1	1	
	Dec. 27-Apr. 3.....	6	6	
<b>India:</b>				
Bombay.....	Feb. 9-May 3.....	27	27	
Calcutta.....	Dec. 19-Dec. 25.....	1	1	
	Jan. 30-Apr. 23.....	34	34	
Madras.....	Nov. 27-Dec. 3.....	3	3	
	Dec. 4-Dec. 31.....	3	3	
	Jan. 1-Jan. 28.....	6	6	
	Jan. 29-Feb. 4.....	6	6	
	Feb. 5-Apr. 22.....	66	66	
Singapore.....	Mar. 1-Mar. 31.....	1	1	
<b>Italy:</b>				
Messina.....	Dec. 12-Jan. 8.....	5	5	
	Jan. 30-May 21.....	5	5	
<b>Japan:</b>				
Aichi Ken.....	Dec. 28-Apr. 28.....	8	1	
Akita Ken.....	Dec. 28-Apr. 10.....	15	4	
Awomori Ken.....	Dec. 28-Apr. 28.....	48	4	
Chiba Ken.....	Dec. 28-Apr. 10.....	9	9	
Formosa.....	Feb. 4-Mar. 3.....	7	4	
Fukui Ken.....	Dec. 28-Feb. 3.....	1	1	
Fukuoka Ken.....	Mar. 24-Apr. 28.....	3	3	
Fukushima Ken.....	Dec. 28-Apr. 28.....	119	27	
Gifu Ken.....	Feb. 4-Feb. 22.....	1	1	
Gumma Ken.....	Feb. 4-Feb. 22.....	1	1	
Hiroshima Ken.....	Jan. 22-Feb. 3.....	1	1	
Iwate Ken.....	Dec. 28-Apr. 28.....	42	4	
Kagoshima Ken.....	Feb. 4-Feb. 22.....	1	1	
Kanagawa Ken.....	Dec. 28-Jan. 21.....	3	3	
Kochi Ken.....	Dec. 28-Jan. 21.....	1	1	
Miyagi Ken.....	Dec. 17-Dec. 27.....	2	3	
	Dec. 28-Apr. 28.....	94	23	
Miyazaki Ken.....	Jan. 22-Feb. 3.....	3	1	
Nagano Ken.....	Feb. 4-Mar. 23.....	9	5	
Nagasaki Ken.....	Jan. 22-Mar. 23.....	4	1	
Niigata Ken.....	Mar. 4-Mar. 23.....	4	1	
Okayama Ken.....	Feb. 4-Apr. 10.....	3	1	
Osaka Fu.....	Dec. 28-Apr. 10.....	3	3	
Oyama Ken.....	Mar. 4-Mar. 23.....	1	1	
Saitama Ken.....	Dec. 17-Dec. 27.....	1	1	
Tochigo Ken.....	Mar. 24-Apr. 10.....	1	1	
Tokyo Fu.....	Dec. 28-Mar. 23.....	6	6	
Yamagata Ken.....	Jan. 22-Apr. 28.....	36	8	
Yamaguchi Ken.....	Feb. 4-Apr. 28.....	10	1	
Yamanashi Ken.....	Mar. 24-Apr. 28.....	5	1	
Yehime Ken.....	Dec. 17-Apr. 10.....	59	13	
The Hokkaido.....	Dec. 17-Dec. 27.....	70	26	
	Dec. 28-Apr. 28.....	396	104	

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Mexico:				
Nogales.....	May 13.....	4		
Norway:				
Christiania.....	Mar. 20-May 21...	19	2	
Netherlands:				
Amsterdam.....	Dec. 12-Dec. 24...	1		
Rotterdam.....	Dec. 12-Dec. 31...	3	1	
	Jan. 1-Jan. 29...	1		
Russia:				
Moscow.....	Nov. 28-Dec. 4...	1	1	
	Dec. 5-Dec. 11...	1	1	
	Jan. 1-May 7...	62	14	
Odessa.....	Dec. 5-Jan. 1...	53	9	
	Jan. 2-Jan. 29...	34	7	
	Jan. 30-May 14...	80	13	
St. Petersburg.....	Dec. 4-Dec. 25...	35	13	
	Jan. 9-Jan. 29...	56	19	
	Jan. 30-May 7...		52	
Warsaw.....	Dec. 19-May 14...		121	
Scotland:				
Edinburgh.....	Apr. 16-Apr. 30...	2		
Glasgow.....	Dec. 5-Dec. 25...	3	1	
Leith.....	Apr. 3-Apr. 30...	2	1	
Spain:				
Corunna.....	Jan. 1-Feb. 5...		2	
Madrid.....	Dec. 22-Dec. 28...		1	
	Feb. 8-Apr. 6...		3	
Turkey:				
Constantinople.....	Jan. 10-Feb. 6...		53	
	Feb. 28-May 8...		94	
Uruguay:				
Montevideo.....	Dec. 25-Mar. 19...	5		
Venezuela:				
Puerto Cabello.....	Apr. 2-Apr. 11...	23	6	
Valencia.....	Apr. 2-Apr. 11...	34		
Wales:				
Cardiff.....	Dec. 18-Dec. 24...	1		

## BRAZIL.

*Sanitary report from Rio—Yellow fever and beriberi prevalent.*

RIO DE JANEIRO, May 6, 1898.

SIR: I have the honor to transmit the reports for the last two weeks, ended April 29:

There were during the last week 365 deaths from all causes, a decrease of 65 compared with the foregoing week; 61 deaths from yellow fever, a decrease of 76; 20 deaths from *accesso pernicioso*, a decrease of 10; 1 death from typhoid fever, a decrease of 2; 1 death from whooping cough, an increase of 1; 14 deaths from beriberi, a decrease of 6, and 50 deaths from tuberculosis, an increase of 5.

*General information.*—Since many weeks, there has been a want of rain. Only on one or two days did we have any slight showers; too insignificant, however, to effect any alteration in the temperature. Although the summer season is already far enough advanced, the daily temperature has remained latterly about the same. In such conditions, therefore, no real change of the state of health can be observed. The continued dry weather and the consequent want of water are felt in a disagreeable manner both as regards public and private hygiene. The generally good water supply of Rio de Janeiro is not sufficient in such extraordinary circumstances, chiefly because the city has extended considerably since the aqueduct was constructed.

It is surprising that in the daily lists of the causes of death, beriberi is a constant factor. There occurred from January 1 to 15, 11 cases; January 16 to 31, 20 cases; February 1 to 15, 16 cases; February 16 to 28, 10 cases; March 1 to 15, 10 cases; March 16 to 31, 23 cases. At first it was principally men in the navy who fell ill with beriberi, next the soldiers on shore, chiefly those of the police, but now we observe the sickness has in the same manner attacked private persons without exception of sex and social position. My predecessor, Dr. Cleary, had already laid stress upon the fact that beriberi has doubtless become endemic in Rio de Janeiro.

Since last report, the following named ships have been inspected and received bills of health from this office: April 29, steamship *Bellova*, British, for New York; steamship *Cumeria*, British, for New York. May 2, bark *Ramona*, British, for Brunswick; bark *H. McLarren*, British, for Pascagoula; bark *Zefiro*, Italian, for Apalachicola. May 4, steamship *Nichteroy*, American, for the United States. May 5, steamship *Leny*, British, for St. Lucia, West Indies; steamship *Tyr*, Norwegian, for New York.

Respectfully, yours,

W. HAVELBURG, M. D.,  
*Acting Sanitary Inspector, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

#### GERMANY.

*Case of smallpox removed from steamship Pisa upon leaving Hamburg for Halifax.*

DEPARTMENT OF STATE,  
*Washington, June 3, 1898.*

SIR: I have the honor, by direction of the Secretary of State, to inclose for your information a copy of a dispatch from the consul at Hamburg, in regard to smallpox among emigrants for Canada and the mode of inspection adopted by him.

Respectfully, yours,

THOS. W. CRIDLER,  
*Third Assistant Secretary.*

HON. SECRETARY OF THE TREASURY.

[Inclosure.]

CONSULATE OF THE UNITED STATES,  
*Hamburg, May 12, 1898.*

SIR: I have the honor to herewith confirm my cable of to-day, reading:

"State Department, Washington: Pisa with 805 emigrants for Halifax and 183 for New York left here yesterday. One Halifax family stopped; one child infected with smallpox. Others from same lodging on board. All precautions taken. Every passenger vaccinated. Instruct Halifax consul.—PITCAIRN."

Which explains itself.

For further information of the Department, I wish herewith to give a more detailed explanation of the case. The embarkation of the passengers for steamship *Pisa* took place yesterday afternoon. She was to carry about 800 passengers—mostly Galicians—for Halifax, and about 200 for New York. During the examination, after having already examined most of the emigrants, we discovered one girl, of about 4 years of age, belonging to a family of four members from Galicia, destined for Halifax, infected with smallpox, in the first stage of eruption, and immediately the whole family was isolated and removed to the hospital. At the same time the ship's physician was ordered to immediately vaccinate all the passengers on board, including those going to Halifax, and, when arriving in Halifax, to inform the United States consul at that port of the matter.



However, I also thought it advisable that the Department also instruct the Halifax consul directly.

The present case demonstrates the necessity of my inspecting Halifax passengers traveling on a vessel also carrying passengers for a port of the United States. As to the mode of inspection, I again beg to refer to my dispatch, No. 35, of April 13th last; at the same time I wish to inform the Department that I now require the packet company to furnish me with lists showing the names and country of residence of all Halifax passengers, so that I may know whether or not any of these emigrants come from an infected country. These lists I have properly sworn to by the ship's physician and officer, in the usual way, and feel certain that the Department approves of my doing so.

I have the honor to be, sir, your obedient servant,

HUGH PITCAIRN, *Consul.*

Hon. WILLIAM R. DAY,  
*Assistant Secretary of State.*

NOTE.—The above telegram was repeated to the health officer at New York on May 14, 1898.

*Arrival at Halifax, of steamship Pisa, from Hamburg, with 3 cases of small-pox on board.*

DEPARTMENT OF STATE,  
Washington, D. C., June 1, 1898.

SIR: I have the honor, by direction of the Secretary of State, to inclose for your consideration a copy of a dispatch from the consul general at Halifax, reporting the arrival there of the emigrant steamer *Pisa* with 3 cases of smallpox on board. After the removal of the patients and a thorough disinfection, the vessel left for New York on the 26th ultimo.

Respectfully, yours,

THOS. W. CRIDLER,  
*Third Assistant Secretary.*

Hon. SECRETARY OF THE TREASURY.

[Inclosure.]

CONSULATE-GENERAL OF THE UNITED STATES,  
*Halifax, Nova Scotia, May 27, 1898.*

SIR: I have the honor to report that the steamer *Pisa*, mentioned in Department of State dispatch, numbered 20, arrived in this port last Sunday night, the 22d instant. Three cases of smallpox developed during her voyage from Hamburg. The ship was detained in quarantine and all the Halifax passengers were landed there and are now in hospital. The entire ship was disinfected and also the clothing of all the emigrants, under the direction of the health officer of this port.

I am informed that the smallpox cases while on board the steamship were carefully isolated. The *Pisa* left here last night, the 26th instant, with 183 emigrants on board bound for New York.

Respectfully yours,

JOHN G. FOSTER,  
*Consul-General.*

Hon. J. B. MOORE, *Assistant Secretary of State.*

INDIA.

*Plague in Calcutta.*

CALCUTTA, May 4, 1898.

SIR: In continuation of my dispatch, No. 54, dated April 27th last, in which I said that there had been a number of suspicious cases in Calcutta, but that the health officer had not decided whether they were well-defined cases of bubonic plague, or not, I now have the honor to inclose herewith a report of the proceedings of the legislative council of Bengal, with the remarks of the lieutenant governor published in the *Englishman* of the 2d instant, announcing that plague exists in Calcutta,



but that so far there had been but about 25 cases and 12 deaths in ten days, scattered through the various parts of the city, but I have cabled for your information "Plague sporadic." When it is considered that the population of Calcutta is about 800,000, it will be seen how infinitesimal is the number compared with the population.

As will be seen by the report inclosed, the Government is taking prompt, and what is hoped will prove effective, measure to prevent the spread of the disease.

There has been a panic in the city among the native population, more from the fear that the zenana (the women's rooms) will be violated in the house-to-house inspection, the enforcement of segregation and the separation of families, as was done in Bombay, Poona, Karachi, and other places, and that quarantine would prevent their escape from the city, than the fear of the plague itself, but the publication of the measures to be adopted by the legislative council and the assurances of the lieutenant governor have allayed the excitement, and those running will await further developments of the disease.

Fortunately, it has come at a time of year which is the least advantageous to its spread, and the measures adopted may prevent it assuming an epidemic form which, in the present condition of the native quarter with its narrow crowded streets and unsanitary condition, would result not only in sweeping away a large proportion of the population but to practically destroy the large foreign commerce on which Calcutta so largely depends for its prosperity.

I am, sir, your obedient servant, R. F. PATTERSON,  
United States Consul-General.

HON. ASSISTANT SECRETARY OF STATE.

#### MALTA.

#### *Modification of quarantine regulations.*

UNITED STATES CONSULATE,  
Malta, Valletta, May 16, 1898.

SIR: I have the honor to forward herewith a copy of a notice issued to-day by his excellency the governor of Malta, relative to a modification of quarantine regulations here.

I am, sir, your obedient servant, JOHN H. GROUT, JR.,  
United States Consul.

HON. ASSISTANT SECRETARY OF STATE.

[Inclosure.]

#### *Quarantine regulations at Malta—Government notice.*

His excellency the governor, having heard the opinion of the board of health, has been pleased to modify Government notice No. 8, of 7th January, 1898, and to direct that the following regulations be observed, viz:

(1) Vessels which are not allowed to enter the harbor, but are allowed to communicate in quarantine with the islands of Comino and Cominotto under such restrictions as the collector of customs may direct.

(a) Vessels that have on board, or have had during the voyage, cases of cholera, yellow fever, or plague, or cases of a disease with symptoms resembling those of cholera, yellow fever, or plague.

(b) Vessels with pilgrims from the East.

(c) Vessels arriving from Arabian ports in the Red Sea and the Persian Gulf which have not been admitted to free pratique at Suez and Port Said.

(2) Vessels which are allowed to enter the quarantine harbor to coal and take in provisions under quarantine restrictions.

(a) Vessels arriving from Bombay or Kurrachee which have not been admitted to free pratique in a port in the Adriatic or Mediterranean Sea, or which have not, to the satisfaction of the chief government medical officer, been thoroughly disinfected before being admitted to free pratique at the said port.

(b) Vessels arriving from any port without a clean bill of health, which do not fall under any of the preceding regulations.

Vessels from Egypt that carry a doctor may complete a period of ten days quarantine, reckoned from date of departure, either at sea or at the anchorage of Comino, before being admitted under the same conditions as arrivals from Bombay.

### (3) MEDICAL INSPECTION.

All vessels arriving at Malta shall undergo strict medical inspection.

### (4) PASSENGERS.

Passengers arriving from Bombay or Kurrachee shall be landed in one of the quarantine establishments where they will be subjected to strict medical inspection until their clothing and all other articles of personal use likely to retain infection shall have been thoroughly disinfected.

### (5) GOODS.

The importation of coffee colored with substances injurious to health is prohibited.

The importation of cotton seed from any port subject to quarantine is forbidden.

The importation of rags is prohibited.

The importation is forbidden, before disinfection, of the following articles, viz, wearing apparel, soiled linen and clothing, bedding materials, feathers, bones, and jute goods.

The importation of hides from any port subject to quarantine, or from any place where cattle disease exists, is prohibited before disinfection.

The importation of vines, vine shoots, and fruit packed in vine leaves is prohibited. The importation of plants or roots from any port of the Mediterranean is prohibited, unless the same are accompanied by a satisfactory certificate that phylloxera is not known to exist at the place of origin.

By command,

G. STRICKLAND,  
Chief Secretary to Government.

PALACE, VALETTA, May 14, 1898.

## TURKEY.

### *Sanitary report from Constantinople.*

CONSTANTINOPLE, May 18, 1898.

SIR: I have the honor to inclose herewith the health report No. 192 of Dr. Zavitziano of the International Sanitary Commission.

I have the honor to be, sir, your obedient servant,

JAMES B. ANGELL.

Hon. SECRETARY OF STATE.

[Inclosure.—Report No. 192.]

*The case of plague at Suez.*

CONSTANTINOPLE, May 18, 1898.

The Ottoman sanitary representative in Egypt has forwarded further details on the bubonic plague case which occurred in Suez the 5th instant, and reported in my last report. The steamship *Mahale* left Suez for Djiddah April 19; the 23d of the same month she arrived at Ras-el-Assuad. She did nothing at the latter place on account of the quarantine, and she left for Suakim and thence for Suez. It is stated that the man who fell ill with plague did not have any communication in Ras-el-Assuad. May we suspect the existence of bubonic plague also on the eastern coasts of Africa? We have not the slightest idea what occurs in Africa concerning public health. The above-mentioned fireman who fell ill with bubonic plague is doing well. Said diagnosis has been confirmed by the microscopic examination. It has been reported that a second bubonic plague case occurred at Suez, but the microscopic examination showed only staphylococci.

*Steamship Gleneagles suspected of infection.*

At the yesterday's sitting of the International Sanitary Commission there was communicated a telegram from the sanitary physician at Tripoli in Africa by which he announces to the sanitary board that the Ottoman consul at Malta has reported that the English steamship *Gleneagles*, which left Malta bound to Tripoli, is suspected. He does not state suspected of what. We expect further details.

*Return of pilgrims from the Hedjaz.*

The pilgrims have already begun their departure from the Hedjaz, turning back home. Nine thousand have already embarked, of whom 6,000 came back to the Mediterranean ports of Turkey. Before passing from the Suez Canal they must undergo a quarantine at Tor.

In my previous report (see No. 189) I have reported about the soldiers who had to leave the Hedjaz and come back to the Mediterranean provinces of Turkey. I have stated already how dangerous for the public health is such movement of troops and the decision at the same time of the sanitary commission to submit said soldiers to disinfection at the lazarettos of Camaran as well as that of Clazomenes. I regret to state that in spite of said decision the authorities have ordered the landing of said soldiers at Gaffa without passing previously by any lazaretto of the Mediterranean and being submitted to a disinfection. According to official news public health is good in the Hedjaz, as well as in the other provinces of the Turkish Empire.

*Public health in Constantinople.*

The epidemic of la grippe, as well as that of measles, is abating. The number of deaths registered in Constantinople from the 13th of last April to the 8th instant is 642, of which 9 were from measles, 11 from diphtheria, 36 from smallpox, and 12 from typhoid fever.

SPIRIDION C. ZAVITZIANO,  
*United States Sanitary Commissioner.*

## STATISTICAL REPORTS.

CANADA—*Hamilton*.—Month of May, 1898. Population, 50,030. Total number of deaths, 57, including enteric fever, 1; diphtheria, 1, and phthisis pulmonalis, 1.

*Nova Scotia—Windsor*.—Month of May, 1898. Estimated population, 2,000. Total number of deaths, 2, including phthisis pulmonalis, 1.

CHILE—*Antofagasta*.—Month of May, 1898. Estimated population, 14,000. Total number of deaths, 44, including typhus fever, 1, and phthisis pulmonalis, 2.

FRANCE—*Marseilles*.—Month of April, 1898. Population, 447,344. Total number of deaths, 762, including enteric fever, 5; diphtheria, 7; scarlet fever, 1, and whooping cough, 3.

*Rouen*.—Month of April, 1898. Population, 112,657. Total number of deaths, 273, including enteric fever, 5; whooping cough, 1, and phthisis pulmonalis, 56.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended May 21 correspond to an annual rate of 16.4 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Sunderland, viz, 24.3, and the lowest in Cardiff, viz, 8.8.

*London*.—One thousand three hundred and sixty deaths were registered during the week, including measles, 82; scarlet fever, 16; diphtheria, 31; whooping cough, 47; enteric fever, 1, and diarrhea

and dysentery, 16. The deaths from all causes correspond to an annual rate of 15.7 a thousand. In greater London 1,734 deaths were registered, corresponding to an annual rate of 14.1 a thousand of the population. In the "outer ring" the deaths included 13 from measles, 8 from diphtheria, 1 from scarlet fever, and 10 from whooping cough.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended May 21 in the 23 principal town districts of Ireland was 23.6 a thousand of the population. The lowest rate was recorded in Carrickfergus, viz, 5.8, and the highest in Newtownards, viz, 31.2 a thousand. In Dublin and suburbs 161 deaths were registered, including enteric fever, 4; whooping cough, 1, and diphtheria, 2.

*Scotland.*—The deaths registered in 8 principal towns during the week ended May 21 correspond to an annual rate of 19.9 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Perth, viz, 10.2, and the highest in Paisley, viz, 22.0 a thousand. The aggregate number of deaths registered from all causes was 599, including measles, 27; scarlet fever, 14; diphtheria, 6, and whooping cough, 31.

*RUSSIA—Riga.*—Month of March, 1898. Population, 282,000. Total number of deaths, 427, including diphtheria, 9; enteric fever, 4; measles, 3; scarlet fever, 7; whooping cough, 5, and phthisis pulmonalis, 62.

*UNITED STATES OF COLOMBIA—Carthagen.*—Month of April, 1898. Estimated population, 25,000. Total deaths, 41. No deaths reported from contagious diseases.

## MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Aix la Chapelle.....	May 7....	127,740	51								
Do.....	May 14....	127,740	47								
Amherstburg.....	May 28....	2,300	0								
Amsterdam.....	May 21....	507,047	147								
Antofagasta.....	Mar. 31....	14,000	13						1	2	1
Antwerp.....	May 14....	282,872	98					3			
Barranquilla.....	May 15....	40,000	18								
Belize.....	May 27....	13,000	3								
Berlin.....	Apr. 30....	1,728,201	593					2	6	3	
Birmingham.....	May 21....	508,772	157					1	1	3	2
Bluefields.....	do.....	3,018	3								6
Bremen.....	May 7....	143,500	52					1	1		1
Do.....	May 14....	143,500	40					1	1		
Bristol.....	May 21....	316,900	96							4	2
Brussels.....	May 14....	531,024	171					1			6
Callao.....	Apr. 24....	20,000	17								
Catania.....	May 19....	120,000	55				1	1			3
Chemnitz.....	May 7....	163,000	68							1	
Christiania.....	May 14....	207,000	71								4
Do.....	May 21....	207,000	74					1	1	2	1
Colon.....	May 9....	8,000	0								
Do.....	May 16....	8,000	4								
Cologne.....	May 7....	343,999	119							8	1
Do.....	May 14....	343,999	122							3	2
Colombo.....	Apr. 30....	130,000	83					1			
Copenhagen.....	May 14....	351,000	183					1		1	9
Crefeld.....	do.....	110,000	36								
Do.....	May 21....	110,000	46								
Dresden.....	May 7....	381,400	139								1
Edinburgh.....	May 14....	298,628	95							2	
Flushing.....	May 21....	17,193	7					1	2	2	3
Frankfort on the Main.....	do.....	245,000	84								
Funchal.....	May 15....	35,665	23								
Do.....	May 22....	35,665	22								
Gibraltar.....	May 15....	25,900	12								
Do.....	May 22....	25,900	8								
Ghent.....	May 21....	161,125	78								
Girgenti.....	May 14....	24,428	9							1	6
Gothenburg.....	do.....	119,784	28								
Guayaquil.....	May 15....	50,000	58							1	
Halifax.....	May 28....	38,700	15								
Hamburg.....	May 14....	661,015	228								2
Do.....	May 21....	661,015	278					1	1	6	13
Hamilton.....	May 24....	2,000	1								
Havre.....	May 14....	119,470	67							1	
Do.....	May 21....	119,470	42								
Hongkong.....	Apr. 9....	261,258	a 184		2			1			
Do.....	Apr. 16....	261,258	b 189		3						
Do.....	Apr. 23....	261,258	c 179				5				
Kingston, Canada.....	June 3....	18,800	9								
Leeds.....	May 21....	416,618	166						4	3	4
Leipsic.....	do.....	422,071	158						1	2	4
Leith.....	May 14....	76,277	21								
Licata.....	do.....	20,000	8								
Livingston.....	May 21....	2,000	1					1			
London.....	May 14....	6,408,321	1,713					12	13	30	80
Lyons.....	do.....	466,028	170								61
Madras.....	Apr. 29....	452,518	312	3	2						1
Magdeburg.....	Apr. 16....	222,211	62							3	13
Do.....	Apr. 23....	222,211	93							1	2
Mayence.....	May 21....	76,984	33							1	
Mannheim.....	May 14....	108,200	46								1
Matamoros.....	May 27....	16,204	6								
Messina.....	May 21....	107,000	31		2		1				
Moscow.....	May 7....	1,000,000	571		3		2	5	12	12	
Munich.....	do.....	430,000	211						2	4	2
Do.....	May 14....	430,000	215						2		5
Nuremberg.....	Apr. 30....	189,720	88						1		
Odessa.....	May 14....	383,000	140		2		1	1	2	2	1
Osaka and Hiogo.....	Apr. 23....	202,912	114							2	

a One hundred and six cases and 82 deaths from plague.

b Ninety-seven cases and 105 deaths from plague.

c One hundred and twenty-seven cases and 98 deaths from plague.



## MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles. Whooping cough.
Osaka and Hiogo.....	Apr. 30.....	202,912	89							1	
Do.....	May 7.....	202,912	98							2	
Palermo.....	May 14.....	273,000	126								
Paris.....	do.....	2,511,955	970					3	2	4	37
Plymouth.....	May 21.....	99,136	30								2
Quebec.....	May 28.....	72,000								1	
Prague.....	May 14.....	198,320	140					2	4		2
Puerto Cortez.....	May 23.....	2,000	0								
Rheims.....	do.....	108,943	60					1		1	1
Rio de Janeiro.....	Apr. 22.....	750,000	429		76			3			
Do.....	Apr. 29.....	750,000	365		61			1			1
Rotterdam.....	May 21.....	300,171	117					1	1	1	4
St. Stephens.....	May 28.....	3,000	1								
Schiedam.....	May 21.....	26,884	11								
Sheffield.....	do.....	358,631	123						1		8
Sonneberg.....	May 7.....	12,400	7								
Do.....	May 14.....	12,400	7								
Southampton.....	do.....	100,886	28								
Stettin.....	May 21.....	155,000	2					1			
Stockholm.....	May 14.....	283,550						1	2	4	
Stuttgart.....	May 12.....	162,934	78								
Do.....	May 19.....	162,934	61								
Tampico.....	May 8.....	12,000	18								
Do.....	May 15.....	12,000	20								
Do.....	May 22.....	12,000	15								
Trapani.....	May 14.....	45,095	17								
Trieste.....	May 7.....	105,000	57						2		
Do.....	May 14.....	105,000	62							1	
Tuxpan.....	Apr. 30.....	10,280	9								
Do.....	May 7.....	10,280	9								
Venice.....	do.....	168,958	61					1			
Do.....	May 14.....	168,958	57					1			
Vera Cruz.....	May 26.....	30,000	41								
Vienna.....	Apr. 30.....	1,590,295	758					3	6	10	25
Warsaw.....	May 14.....	601,408	214		3		1	2	8	4	2
Zurich.....	May 7.....	158,968	64				2			1	
Do.....	May 14.....	158,968	36				1				

By authority of the Secretary of the Treasury :

WALTER WYMAN,  
Supervising Surgeon-General U. S. Marine-Hospital Service.